— ABLYBIO, Help Your Research

Cleaved-Caspase 1 (Asp296), p20 Rabbit pAb

货号: AYT1029

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ICC/IF ELISA
推荐浓度	**WB 1:500-2000:** **IHC 1:50-300:** **IF 1:50-300; ELISA 1:5000-20000:**
理论分子量	45 kDa
实测分子量	20kD(p20), 45-47 kDa,35 kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	THP-1
细胞定位	
纯化	Affinity purification

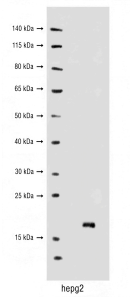
抗原信息

抗原信息	The antiserum was produced against synthesized peptide derived from human Caspase-1.

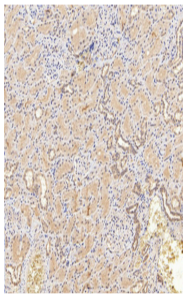
靶点信息

研究背景	CASP1(caspase-1) is also named as IL1BC, IL1BCE and belongs to the peptidase C14A family. It is a cysteine protease that regulates inflammatory processes through its capacity to process and activate the interleukin-1-beta (IL1B), IL18, and IL33 precursor proteins. The active caspase-1 can increase cellular membrane permeability and intracellular calcium levels, which facilitates lysosome exocytosis and release of host antimicrobial factors and microbial products (PMID:21804020). It has 5 isoforms produced by alternative splicing. 22915-1-AP can recognize p45 procaspase and the mature fragment p20
基因ID	834
基因名	CASP1 IL1BC IL1BCE
Swiss	P29466 (https://www.uniprot.org/uniprotkb/P29466/entry)
别名	CASP-1; CASP1; CASP1_HUMAN; Caspase 1; Caspase-1 subunit p10; ICE; IL-1 beta-converting enzyme; IL-1BC; IL1 beta converting enzyme; IL1B convertase; Interleukin 1 beta convertase; Interleukin 1B converting enzyme; Interleukin-1 beta convertase; Interleukin-1 beta-converting enzyme; p45;

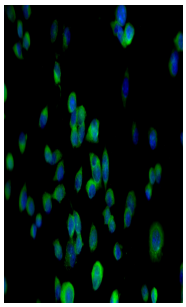
产品验证



Western blot analysis of extracts from HepG2 cells, using Caspase 1 (Cleaved-Asp210) antibody



Immunohistochemical analysis of paraffin-embedded Human-kidney tissue.Cleaved-Caspase 1 (Asp296), p20Polyclonal Antibody



Immunofluorescence analysis of LLC cells labelling Cleaved-Caspase 1 (Asp296), p20 with . The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room temprature for 1h

实验步骤

访问官网浏览详情: www.ablybio.cn (https://www.ablybio.cn//www.ablybio.cn)